

ALUMNI BULLETIN OF LEHIGH UNIVERSITY

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THE ALUMNI BULLETIN will be sent free of cost to all Lehigh men for one year. The expense of publication will be met out of the current funds of the Alumni Association.

"We want every man who has ever been a student at Lehigh University to join the Alumni Association."—P. A. Lambert, Secretary-Treasurer, Bethlehem, Pa.

Readers of the BULLETIN are requested to notify the University of changes in address of themselves and of former fellow students so that the ALUMNI LIST may be as accurate as possible

"ARMA VIRUMQUE CANO"

A Letter From President Drinker About the Influence of Athletics

To all Lehigh Men:—

The study of athletics,—of the proper part they should play in university and college life,—is today a matter of intense and practical interest. I believe thoroughly in the promotion of an athletic spirit in an educational institution. The day has come when educators recognize that the development of the body is as important a duty resting on those charged with the care of our youth as the training of the mind, and the

Trustees of our University, recognizing this fact, have in recent years given encouragement and support to this movement.

For years, in intercollegiate athletic contests, Lehigh was classed in the list of those who "also ran." We were consistent losers in such contests and, finally, Taylor and I took the matter up with experts in physical training, among them Dr. Savage, of the Pittsburgh Athletic Club, and went into the subject thoroughly. We were advised, and became convinced, that the trouble was one of system. It was a matter in which the University management and the student body felt an equal interest. A Faculty Committee of Five was appointed to confer with a Student Committee of Five and, as the result of their deliberations, our present system of compulsory exertion of a weekly measure of physical exercise from every man in the University, for the performance of which a scholastic credit mark is given, was the result. The outcome has been most satisfactory: to the University management in its assurance of a promotion of student health and strength by such exercise wisely directed under the care of the Professor of Physical Education, and to the student body in the fact that the system naturally brings out and develops athletic ability in

many men who, but for the educational credit allowed, would permit their athletic side to lie dormant. Our athletic record has steadily improved, the alumni have become increasingly interested, and the whole tone and morale of the University bettered, college loyalty fostered, and student thought directed into healthy channels.

Now the above are the advantages. There is, however, a disposition on the part of students and of alumni who do not carefully consider the matter, to give undue credit, as a matter of University finance, to successful intercollegiate athletic achievement. Some think that a successful football team, by its advertising features, attracts students, and is thus a valuable financial asset. I am certain that at an institution like Lehigh, devoted to and known for strenuous thorough scholastic training and work of a high technical order,—a reputation for athletic proficiency does not attract students. It is an incident that is pleasing to the student, but the kind of men who seek the kind of training that Lehigh gives are not moved to come here because our intercollegiate teams win games, nor does such a reputation influence the class of parents—engineers, business, and professional men—who turn to Lehigh for their sons, as an institution noted for thorough and high professional and scholastic training.

The winning of games promotes and encourages student interest in athletics and in the exercise so necessary to physical development, and such winning is also pleasing to our alumni, and intensifies their interest in University matters; but, in my judgment and in the light of my years of experience here, it is a mistake to assume or say that a winning ball record appreciably affects our student attendance. On the other hand, I am satisfied that wise broad measures, such as those taken by the University management in recent years, and largely made possible by the liberality of Mr. Taylor, and aided by the support of our alumni clubs, in giving our students ample ground and opportunity for exercise and play with an allowance of time for all this, present

to the incoming student a picture of broad, sane, modern University management that appeals to the red-blooded young American, and appeals to the parent who wishes his boy to be not only a student but a good, strong, sturdy man.

The "Yale Daily News," in its issue of December 3, had an article on physical exercise, in which the following sentence occurred:

"Some day, we all hope, the simple knowledge of how to be healthy and strong will be taught and practiced in the kindergarten or earlier—obviously the proper place for it—but at present the sad fact is that it is not acquired earlier than college, and if every student gets it thoroughly, by the time he is graduated he has gained something more from college than his grandfathers did. *In the hope to teach it, such a University as Yale is planning to develop a great athletic field, not for spectacular contests mainly, but to encourage saving exercise in every student.*" (The italics are mine.)

Surely, as "Brown and White" said in its issue of December 11, it may well be a matter of pride to Lehigh to realize that, thanks to the wise farsightedness of our Trustees, and to Mr. Taylor's leadership, Lehigh has already done, in our liberal provision for playing fields, additional to the Varsity grounds, what our older and greater sister Yale, is now hoping to do.

Our experience in recent years in our intercollegiate contests has closely paralleled that of Harvard. For years Yale defeated Harvard on the gridiron and a general feeling prevailed that Yale's bulldog fighting spirit was too much for Harvard's sublimated atmosphere of culture. But some Harvard men appreciated that culture of the mind and culture of the body could go together and, under Haughton's leadership, Harvard has shown that, while maintaining her high standard of scholarship, she could also lead in athletics.

Here we owe to Reiter's wise, forceful course in the Faculty chair of Physical Education, and to Keady's heady and systematic training on the field, a result similar to that attained at Harvard. I particularly wish, in this connection, to pay my tribute of appreciation to Mr. Keady's loyal enforcement of what Prof. Reiter has ever kept before our students—that scholarship is

what our students come here for, and that athletics are but one incident of their training; that an athlete must not let his athletics become an obsession to the detriment of his scholastic standing. I know that Keady has preached and urged this on his teams, and in this he has presented an ideal record of a college-bred man, promoting athletics with a sane and ever-present regard for the primary duty of scholarly application.

HENRY S. DRINKER, '71.

CHARLEY TAYLOR DAY

Large Crowd Back for Opening of New Athletic Plant—Notable Exercises

The formal opening of the new Taylor Gymnasium, Field House and Field took place at the University on Saturday, October 17, in the presence of a large company of students, alumni, faculty, trustees and friends. It was an altogether notable event—alike for the significance of the improvements in an educational way, for the character of the gift and the manner of giving, and for the whole-heartedness and spontaneous enthusiasm shown on all sides. In Lehigh history "Charley Taylor Day," as the students first, and everybody else, chiming in, called it, will stand out as a day of unique importance and of a flavor characteristic of "a typical Lehigh man who has loved and worked for Lehigh through all of his life * * * honest, modest, lovable;" a man upon whom "Fortune has smiled" and who has "graciously passed the smile around;" a man who has "won not alone the gratitude but the respect, the admiration, the love of every son of Lehigh."

During the morning visiting alumni and friends inspected the Gymnasium, Field House and Stadium under the guidance of members of the student body. Luncheon was served in the Commons at 12 o'clock. Then came the addresses of the day. The speakers were:

President Drinker, in opening the exercises.

Mr. Taylor, in response to Dr. Drinker's greeting.

Harold A. Brown, '14, President of the Senior Class, presenting to Mr. Taylor, in behalf of the student body, a large silver loving cup.

Archibald Johnston, M.E., '89, who made the principal address of the day.

Professor John L. Stewart, in behalf of the Faculty.

Bishop Ethelbert Talbot, in behalf of the Board of Trustees.

Emil Diebitsch, President of the Alumni Association, in behalf of the Association.

Dr. John A. Brashear, in behalf of Mr. Taylor's Pittsburgh friends.

The addresses of these speakers are printed in full in the pamphlet sent out with this issue of the BULLETIN. No print, however, can represent the vigor of the student and alumni cheers, the spirit of the songs, the zest and happiness of this Lehigh gathering in its tribute to Mr. Taylor and to Mrs. Taylor, who was at his side.

Townspeople of the Bethlehems turned out in great number at the football game in the Stadium in the afternoon, manifesting their appreciation of the value to the community of Mr. Taylor's gift.

The game was between the elevens of the Carnegie Institute of Technology and Lehigh University. Mr. Taylor is a Trustee of both institutions.

Novel features of the afternoon included the first formal appearance of the Lehigh University new student band, and the grouping of students on the south stands in such order that their white hats spelled the word Taylor; later they formed a large T. The cheering for Mr. Taylor was hearty and continuous, and the students sang several songs especially written for the occasion. Between the halves the entire student body had a parade on the football field, where they grouped themselves in the form of the letter T and gave cheers and songs. Mr. Taylor who, with Mrs. Taylor, occupied a seat in the north stand, led the students in several of the songs. The entire scene was one of unbounded enthusiasm and good spirit.

The closing function of Taylor Day was a University dance in Drown Memorial Hall at which Mr. and Mrs. Taylor were present.

WITH THE FACULTY

Dr. Harry M. Ullmann has been made Professor of Chemistry, in charge of the Department.

At the October meeting of the Board of Trustees of the University Ralph J. Fogg, Assistant Professor in the Department of Civil Engineering, was made Associate Professor.

Dr. Arthur S. Cooley, who was acting Professor of Greek from September, 1912, to February, 1913, has been appointed Instructor in French at the University. Dr. Cooley is a graduate of Amherst College and holds the degree of Master of Science and Doctor of Philosophy from Harvard University.

Professor Richards, who had a leave of absence during the first term, and Mrs. Richards are expected back at the University on February 1, after a stay in Jamaica and a trip to Panama, Costa Rica, Cuba and Florida.

Lehigh Men in the Limelight

In commenting upon the annual report of Morris L. Cooke, M.E., '95, Director of Public Works of Philadelphia, the "Engineering News" editorially in its issue of November 5 referred to Mr. Cooke as holding "probably the highest administrative position in the service of a great city of any member of the engineering profession in the United States."

Samuel S. Riegel, M.E., '97, Mechanical Engineer of the Delaware, Lackawanna and Western Railroad at Scranton, has designed and patented a special form of firebox construction for locomotives. In initial tests a locomotive equipped with the new firebox showed remarkable steaming qualities.

Under the direction of Superintendent A. J. Farabaugh, E.M., '04, blast furnace G of the Bethlehem Steel Company was blown out recently for relining and repairs. This furnace, which cost \$2,500,000 and is one of the finest in the country, had a record run of more than two years in continuous operation.

Lehigh Men in Canton

That the European war is resulting in great business opportunities for Americans in China, is the opinion of A. Maxwell Paget, C.E., '10, who has been in Canton for the past four years, and who has just returned to China after a visit home, during which he called at the University.

Mr. Paget is now a partner with his brother, Charles S. Paget, '99, in the firm of Purnell & Paget, Architects and Civil Engineers at Shameen, Canton, from which Mr. Purnell has withdrawn. The Pagets are now the largest designers of re-inforced concrete in China.

Mr. Paget reported meeting occasionally other Lehigh men relatively near Canton. An important and interesting figure in railroad work in China is Davis S. Williams, B.S. in Architecture, '96, Engineer of Maintenance of the Canton Hankow Railroad. Mr. Williams was the only American retained when the Chinese Government bought the line from the American Development Company. Alexander G. Small, M.E., '10, is Erecting Engineer at the University of Nanking, where he has charge of building construction costing a quarter of a million dollars. In Young, E.M., '10, is employed as a mining expert for the Kwangsi Provincial Government at Nanking. C. L. Wong, '83, is a Civil Engineer with the Chinese Imperial Railway on the Canton-Hankow Line at Canton.

R. E. Mickel, '14, in South Africa

At the December meeting of the Mining Engineering Society of the University, Professor Eckfeldt read a letter from Robert E. Mickel, E.M., '14, who was captain of the Lehigh Track Team last spring and Secretary of the Student Body. After graduation last June, Mr. Mickel worked his way from New York to England as a steward on the Aquitania.

"Things did not look good to me on the continent so I did not go to Germany and Spain as I expected, but took a flier to South Africa." There he obtained work under R. C. Wariner, B.S. in Mining, '94, General Manager of the Crown Mines, Fords-

burg, Johannesburg. Mr. Mickel's letter contained descriptions of some of the machinery and methods he has had opportunity to observe—information that was of much interest to the students of the Mining Society to whom it was read.

"If any of the fellows could come out here, I think a couple of years' experience would be the best thing they could have after leaving school. Mr. Warriner will give young Lehigh men \$75 to start, although the regular wage for samplers is \$50 at first. Send out somebody to keep me company for a couple of years."

Drill Core for E. M. Department

The Mining Engineering Department of Lehigh University is in receipt of a section of ten-inch diamond drill core, the gift of the Lehigh Valley Coal Company, through J. M. Humphrey, '89, Chief Engineer. H. H. Otto, '12, with the Company, had charge of sending the core. The specimen is a piece of core of an eleven-inch diamond drill hole in the Marcy Vein, Maltby Colliery, Pa., cut by Spague & Henwood, Inc., contractors. It is believed to be the largest core ever cut by a diamond bit.

Cable Pieces for Fritz Laboratory

The John A. Roebling's Sons Company, of Trenton, N. J., has given to the Civil Engineering Department of the University, for permanent display in the Fritz Engineering Laboratory, several pieces of a three-inch steel cable of the kind used in iron mines in Cuba, and recently tested in the Fritz Laboratory. The pieces of cable, suitably mounted, were presented through the initiative of two Lehigh alumni, F. W. Roebling, jr., M.E., '01, with John A. Roebling's Sons Company, and J. E. Little, M.E., '94, Mechanical Engineer of the Spanish American Iron Company, in the mines of which the cable is used.

Class of 1909.—Robert N. Miller, who was formerly with the Long Island Railroad as Motive Power Inspector, is now an Instructor in Machine Design in the Carnegie Institute of Technology, Pittsburgh.

Lehigh Aids State Commission

Lehigh University contributed a helpful share in the work of the Pennsylvania Water Supply Commission at the Lehigh River Station, as shown in a report of the Commission recently published.

The Lehigh River station, which is located on the New Street bridge connecting Bethlehem and South Bethlehem, was established in 1902 by the United States Geological Survey and for three years was operated by the Civil Engineering Department of Lehigh University. When the Water Supply Commission re-established the station in 1909, it met with hearty co-operation from the Lehigh Civil Engineering Department. Included in the table of discharge measurements given in the Commission's report are records of work by former Professor Conkling, L. C. D. Greenough, C.E., '09, C. C. Poole, C.E., '10, and G. C. Reussner, C.E., '11, the last three taking measurements while students at Lehigh as a part of their thesis work in the Department of Civil Engineering. Some of the measurements were made by C. E. Ryder, a Lehigh graduate of 1905, who is now Engineer of the Commission.

Tests in Fritz Laboratory

The Civil Engineering Department of Lehigh University has completed, for the Gould Coupler Company, of Depew, N. Y., important tests of couplers, bolsters and gears for steel cars manufactured by the Gould Company. The tests were made in the 800,000 pound Riehle machine in the Fritz Engineering Laboratory. W. F. Richards, Mechanical Superintendent, who represented the company, said that the results were most satisfactory.

William T. Griffith, '02, proprietor of The Griffith Five and Ten Cent Store, Lock Haven, Pa., has taken space in the Lock Haven High School "Gazette" for an advertisement of Lehigh University, in which he offers to furnish information to students interested. Mr. Griffith has secured copies of the Register and other Lehigh literature for distribution to boys responding to the advertisement.

ATHLETICS AT THE UNIVERSITY

Football Season Most Successful in Lehigh History—Other Sports

The 1914 Lehigh Football Team achieved the most successful record in the University's history. On the basis of games won and lost, and of acknowledged Eastern rating, the eleven of last fall exceeded earlier Lehigh standards—the famous '89 team, "Champions of Pennsylvania;" the brilliant teams of 1890, 1902, 1903, 1908 and 1912.

In placing Lehigh in ninth position, immediately following Yale, Princeton and Cornell, and ahead of Williams College, W. B. Hanna, Sporting Editor of the "New York Sun," said: "The Lehigh eleven is entitled to come in among the first ten, it having lost only one game and that to Yale, and having beaten Penn State, which held Harvard to a tie."

Walter Camp, the eminent expert, praised Lehigh in his newspaper articles and picked Cahall, the Brown and White back, for a place on his second All-America team.

Glenn B. Warner, coach of the Carlisle Indians, said, in a newspaper interview, that Lehigh deserved its victory over the Indians and had a most powerful eleven.

1914 Football Review

The 1914 Lehigh Football Team won eight games and lost one, with a total of 167 points to 60 scored by opponents. The victories were, in reverse time order, over Lafayette, Villa Nova, Penn State, Johns Hopkins, Muhlenberg, Carnegie Tech., Carlisle Indians and Franklin and Marshall. The one defeat was in the game with Yale.

The opening contest of the season was with Franklin and Marshall, on September 26. The Brown and White scored a touchdown and two field goals. The significance of this victory became apparent a week later when the heavy Lancaster eleven defeated the University of Pennsylvania, 10 to 0.

Displaying fine dash and stamina, the Lehigh team outplayed the Carlisle Indians on October 3, and won decisively, three touchdowns to one.

The score, 21 to 6, was almost exactly the reverse of that of 1913—7 to 21.

That the showing against the Indians was no lucky accident was made plain on the following Saturday at New Haven. For most of the first two periods Yale was outplayed by Lehigh, and the half ended, Lehigh 3, Yale 0. Yale's great substitute resources were brought to bear and they scored 20 points against the tired Lehigh team, which fought gamely to the last.

Carnegie Institute of Technology, a new competitor on Lehigh's schedule, proved a worthy and friendly foe, on Charley Taylor Day, October 17. The result was one of the closest of the season, 24 to 20.

October 24 found five thousand spectators in Taylor Stadium for the game with Muhlenberg, a new rival of Lafayette and Lehigh for athletic supremacy in the Lehigh Valley. The Allentoniens gave Lehigh stiff contests in 1912 and 1913. But on this occasion the Brown and White team, playing straight football, ran up a count of 27 to 0.

Second string men had their chance in the game with Johns Hopkins on October 31, several Varsity players being hurt and others needing a rest. The final score was 33 to 0 in favor of Lehigh.

Lehigh, without doubt, displayed the best form of the year in the battle with Pennsylvania State. Invading South Bethlehem, accompanied by the State College Band and a great student following, this team trotted out upon Taylor Field with the prestige of having tied Harvard, 13 to 13, and having defeated Lafayette and four other opponents. Only six first downs had been scored against State by all teams up to that time. The Lehigh eleven are unanimous in crediting their performance on that afternoon to the amazing confidence, daring and fight instilled into them by Coach Keady. They were in the game, every man every minute, and they achieved fourteen first downs to six by State, and two touchdowns, two goals and a field goal to one touchdown and a goal by State. Score, 20 to 7.

Lehigh's reversal of form on November 14 caused Villa Nova, taken on as a supposedly easy team, to become a Tartar. Cahall's touchdown

on a forward pass and his regular specialty, a field goal, made up 9 of the 10 points Lehigh managed to achieve.

A third straight victory over Lafayette before 9000 persons on March Field, Easton, concluded Lehigh's season. Lafayette, weakened by the illness of a number of 'Varsity players, put up a gallant resistance. The battering Lehigh backfield and Cahall's boot were not to be denied, however, and Lehigh won, 17 to 7.

Lehigh	12	F. & M.	0
Lehigh	21	Indians	6
Lehigh	3	Yale	20
Lehigh	24	Carnegie Tech.	20
Lehigh	27	Muhlenberg	0
Lehigh	33	Hopkins	0
Lehigh	20	Penn State	7
Lehigh	10	Villa Nova	0
Lehigh	17	Lafayette	7
Lehigh	167	Opponents	60

Players Awarded the "L"

The Athletic Association Committee has awarded the football "L" to the following 1914 players: F. W. Green, jr., '15, G. W. Hoban, '15, W. C. Cahall, jr., '16, S. B. Scruggs, '16, L. Hoffman, '16, G. Sawtelle, '16, A. A. Tate, '17, A. W. Chenoweth, '17, F. J. Green, '17, F. N. Becker, '17, R. C. Good, '17, G. E. Ostrom, '17, N. Pons, '17, W. A. Richards, '17, J. K. Desmond, '18, W. T. Halsted, '18, J. P. Mattern, '18, W. D. Maginnes, '18, C. S. Wagner, '15, Manager.

The regulation sweater and gold footballs were awarded to the above "L" men. Dr. Drinker, Charles L. Taylor, S. T. Harleman and Coaches Keady, Strauss, Pazzetti and Flick were also awarded the gold football.

Scholastic Standing of Football Men

The scholastic standing of the Varsity members of the Lehigh Football Team on January 1 is as follows:

Schedule of studies, 16 to 24 exercises a week.

Average schedule, 20 hours.

Number of men below the 10 hour standard, 1.

Number of men above the 10 hour standard, 13; the lowest having 15 hours credit.

Average number of hours in which members of the team are above passing mark, 17.

High Recognition for Cahall

The following are among the numerous comments made upon the playing of W. C. Cahall, of the Lehigh team:

New York Sun, November 13: "Expert opinion has it that Cahall of Lehigh is the best half back in the East and as good an all round man as Hardwick."

New York Sun, November 25: "Cahall of Lehigh is the best field goal kicker of the year. . . . His goals have been by drop kicks and he has lifted the ball over the bar on field goals ten times in the seven games he has played—two each against Franklin and Marshall, Muhlenberg and Penn State and one each against Yale, Carnegie Tech., Villa Nova and Lafayette."

New York Tribune, November 20 (before the Lafayette game): "This remarkable back, who ranks with the best, has drop-kicked nine goals this year out of thirteen tries. . . . Cahall may equal Charley Brickley's record of eleven field goals last year, but will hardly reach the mark of thirteen set by the Harvard Captain in 1912."

Philadelphia North American, November 8, in the account of the Penn State-Lehigh game: "Billy Cahall, a Germantown boy, acted the role of a Brickley and Sam White all in one day. Some of (his) exploits were: Field goal from 30 yard line in first period. Forty-yard run for touchdown after scooping up fumble in second period. Field goal from 47-yard line in fourth period. Outpointed Clark and Lamb and was in most every play."

Walter Camp, in "Collier's Weekly," December 19: "As for the second (All America) eleven, its offensive strength, by means of what has been termed the 'aerial route' would be greater than the first. . . . Cahall can score field goals when given the smallest opportunity."

Many Varsity Players for 1915

Two players of the Varsity team will be lost to the 1915 squad. George W. Hoban, Captain and All-Pennsylvania half back, one of the most powerful players who ever wore a Lehigh uniform, will be graduated next June. George Sawtelle, right end, who scored touchdowns on the forward pass against Lafayette in 1912 and 1914, will be in the University next year, but cannot compete because he played a year of college football before entering Lehigh in 1912.

In view of the large percentage of Varsity men remaining, a difficult schedule is being arranged for next season.

Lehigh-Lafayette Football Record

The Lafayette-Lehigh football record, 1884 to 1914, now stands:

Total games played,	48
Won by Lafayette,	24 games.
Won by Lehigh,	20 games.
Tied	4 games.

Wrestling Schedule

More than usual interest is being taken in wrestling at Lehigh this winter because Taylor Gymnasium will be the scene of the greatest event in the college wrestling world, the Intercollegiate championship meet, to be held March 26-27. About forty candidates have been practicing under Coach Sheridan. While there is a shortage of material in the heavier classes, the prospects of the team as a whole are considered favorable.

George Sawtelle, '16, is Captain and C. F. Vance, '16, is Manager of the team. The schedule follows:

Feb. 6	Columbia, home.
Feb. 13	Navy, away.
Feb. 19	Univ. of Penna., away.
Feb. 27	Penn State, home.
Mar. 5	Cornell, home.
Mar. 13	Brown, home.
Mar. 26-27	Intercollegiates, at home.

Basketball Season in Progress

The difficulty of early development of a basketball team from a large squad containing only two last year Varsity players cost Lehigh the game with Muhlenberg, on December 19, by a score of 25 to 23. Going into the contest after having defeated Moravian College, 46 to 29, Lehigh's tentative line-up faced a team four of whose five players were the same as last winter, a team that had this season won from the University of Pennsylvania and several others. The visitors deserve credit for a good game. They captured for their college the first victory Muhlenberg has ever scored over Lehigh in any sport.

Coach Muthart is now facing the task of shaping out of the none-too-promising material available a five that will perform creditably in the heavy season already begun. The games scheduled are as follows:

Jan. 6	Lebanon Valley, home.
Jan. 9	Penn State, away.
Jan. 13	W. Va. Wesleyan, home.
Jan. 16	Gettysburg, home.
Jan. 20	Lafayette, away.

Jan. 30	Army, away.
Feb. 3	Univ. of Pittsburgh, home.
Feb. 6	Gettysburg, away.
Feb. 10	Seton Hall, home.
Feb. 13	Swarthmore, away.
Feb. 15	Penn State, home.
Feb. 20	Swarthmore, home.
Feb. 22	Lafayette, home.
Feb. 24	Washington and Lee, home.
Feb. 27	University of Rochester, away.
Mar. 3	Susquehanna, home.

Soccer at Lehigh

Instituted by the Department of Physical Education as an ideal form of out-of-doors sport, soccer football has gained a fair hold among a portion of the Lehigh student body. A University team was organized in 1913 and it played a game with the team of Lafayette, losing 2 goals to none. The 1914-15 Lehigh team tied Lafayette, 1 to 1, on March Field, Easton, on December 12 last, and has made a creditable showing against local non-college elevens.

Partial Baseball Schedule

Prophecy in regard to Lehigh's teams has proved particularly unreliable in the past year or so, and all that Coach Tom Keady will say about the baseball outlook next spring is that he expects "a good aggressive team." Inasmuch as aggressiveness was the big factor in winning the Lafayette series last year, this seems encouraging.

A fair proportion of the 1914 nine, including the star twirler, Anderson, are in college and there is some promising new material.

The schedule, as thus far determined, is as follows:

Mar. 31	Athletics, at Philadelphia.
April 1	Catholic University, at Washington, D. C.
April 2	Open.
April 3	Baltimore Federals, at Baltimore.
April 5	Open.
April 7	Colgate, at home.
April 10	Open.
April 14	Seton Hall, at home.
April 17	Cornell, at Ithaca.
April 21 and 23	Open.
April 24	West Point, at West Point.
April 28	Gettysburg, at home.
May 1	Muhlenberg, at home.
May 5	Ursinus, at home.
May 8	Open.
May 12	Washington and Lee, at home.
May 15	Lafayette, at home.
May 19	Villanova, at home.
May 22	Lafayette, at Easton.
May 29	Bethlehem Steel Company.
May 31	Open.
June 5	Lafayette, at home.
June 7	Chinese University, at home.

1915 Lacrosse Prospects

The lacrosse men in college look forward to maintaining next spring the record of the team in 1914 when, for the first time in seventeen years, Lehigh won the Southern Intercollegiate Championship.

Coach Grimes is expected at the University about March 1, at which time the candidates, who are doing what work they can during the winter, will begin active training.

The schedule includes games with the University of Pennsylvania and Pennsylvania State College where lacrosse is comparatively new.

April 3—Crescents, at Brooklyn, pending.
 April 7—Cornell, at home.
 April 10—Stevens, at Hoboken.

April 15—University of Pennsylvania, away, pending.

April 17—Penn State, at home.

April 24—Swarthmore, at home.

May 1—Johns Hopkins, away.

May 8—Carlisle Indians, at home.

New Field for Track Team

The Lehigh Track Team will come into its own next spring when, after many years of inferior facilities and one season with no real track at all, the cinder path athletes will take possession of the fine new upper level of Taylor Field. Here there is an excellent quarter mile track, with a 220 yards straightaway, and a grassy oval for the field events.

May 1—Bucknell, at home.

May 5—Open.

May 8—Penn State, away.

May 12—Stevens, at home.

May 15—Intercollegiates, at Haverford.

May 19—Lafayette, at home.

Our Typhoid Experience

To all Lehigh Men:

Lehigh has passed through several trying and anxious experiences in the past in the epidemics of typhoid and small-pox that came upon the community, but the typhoid "flash," as the Pennsylvania Dept. of Health termed it, which we experienced during the last autumn, presented a situation that tried men's souls, and we have reason to be very thankful, precious as were the three lives that were lost, that the loss was not greater.

The careful investigation made by

the Pennsylvania State Dept. of Health, whose aid was immediately invoked by Dr. Estes and myself, showed that the infection apparently all took place at one meal at the College Commons—that it was not due to the water, milk, or other food supplies, but had been communicated by touch by a servant in the kitchen in handling the preparation of some of the food served. This man had suffered a typhoid attack some four years previously and, on examination of his blood and faeces, it was found that he was what is termed a typhoid carrier. He was, of course, taken out of the service, and has since been held under surveillance by the State Board.

The following is the opinion of Dr. Dixon, State Commissioner of Health:

"After keeping in daily touch with my medical and sanitary engineers, during the time they were investigating the recent typhoid fever flash, which occurred at the Lehigh University, I must, at present, hold a man servant at the Institution guilty of having transmitted the micro-organisms which produced the disease. It is one of the causes that it is extremely hard to overcome.

"This man is what we call a 'carrier.' The organisms have lived in his system and propagated long after he was over the attack of typhoid fever. It is very unfortunate that such a thing should happen at your Institution after the extraordinary care you have taken to promote the health of your students and to prevent the introduction of disease."

One result of this experience has been to give renewed confidence in the splendid care that St. Luke's Hospital gives our students. The twenty-three men who went there all recovered and the skilled treatment and kindly attention they received will long be remembered with appreciation and gratitude by Lehigh men.

I sent a copy of Dr. Dixon's opinion to all the Universities and Colleges in the country, with a short statement of what had occurred. I have been surprised to learn that our experience is not unique, carriers having similarly done their evil work in the eating houses of several other institutions, and that at least in one institution the precautions taught by this experience and which we are putting into force, have been adopted, viz., to apply the blood and faeces tests for typhoid to all employees engaged in the preparation or handling of food.

HENRY S. DRINKER, '71.

Washington's Birthday Exercises

Six members of the Class of 1916 will compete in the annual Junior Oratorical Contest in the University Chapel on Washington's Birthday, February 22, for three prizes offered by the Alumni Association. In connection with these exercises there will be an address by President Drinker on the one hundredth anniversary of the treaty of peace between Great Britain and the United States. Dr. Drinker is a member of the American Peace Centenary Committee and Chairman of the Committee on Co-operation of Universities, Colleges, Schools and all Educational Institutions.

New Book of Lehigh Views

The University Supply Bureau has recently published a new book of Lehigh views that is regarded, by alumni and students who have seen it, as greatly superior to previous books of the kind. It contains twelve pages and covers in dark brown, bound with brown and white silk cord. There are nineteen illustrations of buildings and campus, including two of the Taylor Gymnasium and Stadium, all printed in light brown ink by a new process. The photographs were taken and the books manufactured by the Albertype Company of Brooklyn, N. Y. The cost of the book is fifty cents.

Framed Lehigh Views for Schools

The University has procured, for distribution among preparatory schools and high schools, sets of Lehigh views, twelve pictures of buildings and campus to a set, the surrounding mat of which measures 42 inches by 33 inches. These are being given to Lehigh alumni and student clubs and individual alumni and students who wish to donate pictures to their old schools and who will pay the cost of framing and expressage. Arrangements have been made with a concern in Bethlehem for a special price of \$4 each for framing. Correspondence about the pictures should be addressed to the Registrar of the University.

MARRIED**Becker—Williamson**

Miss Marguerite Rhen Williamson, daughter of Mr. and Mrs. George H. Wolle, of Bethlehem, and Luther Becker, M.E., '04, of New York City, were united in marriage on October 28, in the home of the bride's parents. The ceremony was performed by the bride's uncle, Rev. Edward S. Wolle, Pastor of the Moravian Church in New York. The bride was graduated from the Moravian Seminary and College for Women in 1908. Mr. Becker, who is General Representative of the United States Steel Products Company of New York City in the Dutch East Indies, has gone with Mrs. Becker to China, Japan and Java in the interests of his company.

Luckenbach—Shimer

Miss Ruth C. Shimer, daughter of C. L. Shimer, '80, and Mrs. Shimer, and Paul J. Luckenbach, '04, were married on October 24, in the home of the bride's parents, 204 North Linden Street, Bethlehem. Rev. A. D. Thaeler of the Moravian Church officiated. Mr. and Mrs. Luckenbach are at home in their new residence on East Union Street, Bethlehem. Mr. Luckenbach is a member of the firm of D. & A. Luckenbach, manufacturers of flour.

Walker—Schmehl

Miss Clara Belle Schmehl and Harry S. Walker, M.E., '05, were married on October 28, in the home of the bride's father, N. S. Schmehl, Kutztown, Pa. Rev. Robert Lynch, pastor of Trinity Lutheran Church, Kutztown, officiated. Mr. and Mrs. Walker are at home at 32 North Eighth Avenue, Bethlehem. Mr. Walker is Master Mechanic of the Lehigh Plant of the Bethlehem Steel Company.

Bilheimer—Gardner

The marriage of Miss Mary Gardner, daughter of Mr. and Mrs. David Gardner, of York, Pa., to Clayton E. Bilheimer, M.E., '09, took place on December 17, in the parsonage of Rev. C. E. Walter, who officiated. Mr. and Mrs. Bilheimer are at home at 142 South Beaver Street, York. Mr. Bilheimer is an instructor in the indus-

trial department of the York High School and is also athletic director of the school.

Paget—Baum

Miss Mary H. Baum, of Harrisburg, and A. Maxwell Paget, C.E., '10, of Canton, China, were married in the home of the bride's parents, on October 26 last, by Rev. G. B. Renshaw. Mr. and Mrs. Paget sailed from San Francisco on December 5. They expect to reach China January 10 and will take up residence on the Island of Shameen, Canton. Mr. Paget is a partner of Purnell & Paget, Architects, of Canton.

LeVan—Marsteller

Lloyd A. LeVan, C.E., '10, and Miss Helen Marsteller, a daughter of Mr. and Mrs. Oliver Marsteller, of South Bethlehem, were married on October 27, in St. Peter's Lutheran Church, South Bethlehem, Rev. J. O. Leibensperger officiating. Mr. and Mrs. LeVan are at home at Summit Hill, Pa. Mr. LeVan is a Civil Engineer in the employ of the Loomis Contracting Company, Lansford, Pa.

Kocher—Pearson

Miss Beulah Pearson, daughter of A. F. Pearson, Palo Alto, Cal., and Ralph N. Kocher, B.A., '13, instructor in science in the Boys' High School, Reading, were married in the Moravian Church, Bethlehem, following the Christmas Eve vigils on December 24. Rev. A. D. Thaeler, pastor of the Moravian Congregation, officiated. Mr. and Mrs. Kocher are at home at 123 North Fourth Street, Reading.

Perkins—Rawley

M. J. Rawley, of Baltimore, has announced the marriage of his daughter, Lucynda Marie, to Walter Frederick Perkins, C.E., '13, on November 24. Mr. and Mrs. Perkins are at home at 1025 North Fulton Avenue, Baltimore. Mr. Perkins is an Engineer with the Paving Commission of Baltimore.

Sauber—Mesirov

Miss Mary R. Mesirov, daughter of Mr. and Mrs. Morris Mesirov, 1118 North Forty-first Street, Philadelphia, and Samuel H. Sauber, B.A., '14, were married on August 28, last. The bride

is a graduate of the William Penn High School for Girls and attended the Columbia Conservatory of Music. Mr. and Mrs. Sauber live at Hamburg, Pa., where Mr. Sauber is Assistant Principal of the High School.

Stevenson—Phillips

Miss Leaugeay Phillips, daughter of Dr. and Mrs. John L. Phillips, and William Holmes Stevenson, jr., ex-'17, were married in Pittsburgh on October 20. Mr. and Mrs. Stevenson are at home at 6674 Woodwell Street, Pittsburgh.

OBITUARY

Charles A. Morrison, Prep. '74

Charles A. Morrison, of Easton, who was a student for two years in the preparatory department conducted by Lehigh University from 1871-1874, died on November 29 of blood poisoning following an operation for a throat affection. He was 57 years old. After an attendance at Lafayette College, Mr. Morrison went into business and was prominent as a young man in political life in Northampton County. In recent years he was Secretary of the Easton Board of Trade.

J. C. A. Fox, '77

Jacob C. A. Fox, proprietor of the Philadelphia Sash Weight Works, died suddenly on December 20 at his home, 1822 Ontario Street, Tioga, Philadelphia. He entered Lehigh in the fall of 1873, in the Preparatory Class, taking later a special course in Chemistry. Leaving college, Mr. Fox entered into business in Philadelphia and was for many years associated with his father. The survivors are the widow, two sons, Edward Fox and George Fox, who are connected with the Philadelphia Sash Weight Works, and two daughters, Miss Grace Fox, and Mrs. Charles Thompson.

Frederick T. Haines, C.E., '95

Frederick Taylor Haines, C.E., '95, died at his home in Elkton, Md., on October 5, aged forty years. Mr. Haines was born in Elkton on July 4, 1874, son of the late L. M. Haines and Mrs. Haines. He attended the State Normal School at West Chester, Pa.,

and entered Lehigh in the Civil Engineering course in September, 1891. He was graduated in 1895. He entered the service of the Pennsylvania Railroad, but after a short time took up the study of law. Shortly after being admitted to the Bar, he went to Philadelphia and engaged in the real estate business with the firm of J. T. Jackson & Company. On account of his father's poor health he came back to Elkton and resumed the practice of law. He had built up a large practice, being counsel for the Pennsylvania Railroad and several other corporations.

In 1903 he married Miss Florence Torbert, daughter of the late Major Henry R. Torbert, who survives him with one son and a daughter. He is also survived by his mother, Mrs. L. M. Haines, and one brother, Warren J. Haines, of near Elkton.

Hasbrouck L. Ludlum, '95

Hasbrouck L. Ludlum, a former member of the class of 1895, died on September 2 last, at the home of his sister at Chestnut Hill, near Bridgeport, Conn. He was born on April 21, 1871, in Pompton, N. J., the son of Mr. and Mrs. James Ludlum. After attending the Yeates School at Lancaster, Pa., he entered Lehigh University in September, 1891, and took the course in Physics and Electrical Engineering. Upon the death of his father in 1892, Mr. Ludlum left college and went into banking business in Sioux City, Iowa, where he continued until 1894. He then moved to Plainview, Neb., and was engaged in banking and farm machinery business until 1904. He afterward traveled for the International Harvester Company until 1914, when ill health necessitated his retirement from active business.

Hubert H. Wright, '95

THE ALUMNI BULLETIN has just learned of the death on December 18, 1913, of Hubert H. Wright, a member of the class of 1895. Mr. Wright, riding on a motor cycle near his home at Cambridge, Md., was struck by an automobile and died four days later.

Mr. Wright was born in Cambridge on July 26, 1871, a son of the late R.

T. Wright and Mrs. Wright. He attended Ulrich's Preparatory School, Bethlehem, and entered Lehigh in the fall of 1891 in the course in Physics and Electrical Engineering. He withdrew from the University in January, 1894. For some years Mr. Wright was an electrical engineer in Cambridge. At the time of his death he was the owner of the Cambridge Auto Company and had a large business. He also operated successfully in real estate. The survivors are his widow, one son, Hubert H. Wright, jr., his mother, and one sister.

Cameron Hoffman, '14

Cameron Hoffman, a Senior in the Civil Engineering course and one of the most prominent students in the University in varied activities, died in the John Hopkins Hospital, Baltimore, on November 1, last, following several weeks' illness of typhoid fever. Mr. Hoffman was born in Baltimore on October 14, 1890, a son of Mr. and Mrs. C. C. Hoffman, of Park Heights, Arlington, Md. He was graduated from the Franklin High School at Reisterstown in 1908 and then attended and was graduated from the Maryland Institute of Art and Design, Baltimore. There he won a Peabody prize of \$50 and a Frederick Raine medal for the highest average.

In September, 1910, Mr. Hoffman entered Lehigh University. From the first his record at Lehigh was brilliant, both as a student and as an all round college man. He won the Wilbur Prize in Sophomore Physics, \$10 in gold, and a \$10 Williams Prize in English. He had first honor in Sophomore Physics.

The college honors of Mr. Hoffman were as follows: Member Senior Class Book Committee; Art Editor 1915 Epitome; Art Editor The Burr, 1913; Acting Art Editor The Burr, 1914; Worked on Y. M. C. A. Handbook; Y. M. C. A. Cabinet, 1914; Y. M. C. A. Delegate to Kansas City Convention, 1913; Cheer Leader, 1914; Member of Tau Beta Pi Honorary Fraternity; Secretary Senior Class, 1914; Pledged to Kappa Sigma Fraternity; Head Waiter at Lehigh Commons, 1914; Active Member of Civil Engineering Society; Member of Tennis

Team; Member Drown Hall House Committee.

Tributes to Cameron Hoffman

"No whiter and cleaner man ever entered or left Lehigh University. During his four years' stay here he interested himself in almost every phase of activity and was a leader everywhere. His face will be missed by a multitude of friends and his leadership will be lost in many societies and committees and organizations."—*The Brown and White*.

"Loyalty, geniality, straightforwardness and energy were typical traits of Hoffman. He was ever performing something worth while for his Alma Mater or his friends, and each act was accomplished with characteristic thoroughness. Everyone who had the privilege of knowing him recognized his rare personality and felt the influence of his love for his fellow-men, his kindness and his friendship. Lehigh misses him, for it was a real privilege to know this splendid type of manhood."—*The Burr*.

J. Stanford Mullin, '18

J. Stanford Mullin, a member of the Class of 1918, who was taken ill during the typhoid "flash" at the University last fall, died on October 15 in the home of his parents, Dr. and Mrs. John W. Mullin, 918 West Street, Wilmington, Del. He was 18 years old.

Mr. Mullin was graduated from the Wilmington High School in February, 1913, having completed both the Latin Scientific and Classical Courses. He was an honor man in the civics class. After his graduation he spent several weeks at his father's fruit ranch in Florida. During the past summer, being somewhat run down in health, he went for a five-weeks' trip to the Pocono Mountains and from there he returned much benefited. Mr. Mullin entered Lehigh in September, having been awarded an honorary Arts scholarship from the Wilmington High School. He had planned to take a combined Arts and Mining Engineering course.

In his scholastic work at Lehigh Mr. Mullin showed himself a young man of ability and promise. He was a member of the Freshman baseball squad.

Resolutions upon Mr. Mullin's death were passed by the Arcadia, the student governing body of the University, and by the class of 1918, and these were sent to the parents. The funeral was held in Wilmington on Tuesday, October 20, with interment in Wilmington and Brandywine Cemetery.

The University was represented at the services.

Warren B. Henn, '18

Warren B. Henn, a Freshman in the Chemical Engineering course at the University, died on October 22 in the Allentown Hospital after a two-weeks' illness of typhoid fever. He was a son of Mrs. Ellen Henn, of Fullerton, Pa., and the late George Henn, and was born May 10, 1896. Receiving his early education in the public schools of Fullerton and Hokendauqua, he entered the Allentown Preparatory School and was graduated with honors in June, 1914. He entered Lehigh last September, taking the course in Chemical Engineering.

Resolutions of regret and sympathy, passed by the Arcadia in behalf of the student-body of the University, were sent to the mother, who, with an aged grandmother, survives.

Six fellow classmates of 1918 were pall bearers at the funeral at Fullerton on Sunday, October 25.

Alumni Hear Musical Clubs

The combined Musical Clubs of Lehigh University have given four concerts thus far this season. While not appearing directly under alumni auspices, the student musicians had the support of the Home Club, the Maryland Club, Wilmington alumni and Allentown alumni at concerts in Bethlehem, Baltimore, Wilmington and Allentown in December.

Tribute to R. T. Layfield

The following is a part of a tribute printed in the Johns Hopkins "Alumni Magazine" for November, following the injury to Robert T. Layfield, quarterback of the Hopkins team, who was hurt in the Lehigh game:

Lying helpless in a hospital, paralyzed from the shoulders down—merely waiting—he and his father reviewed the situation. Then they sent this message to his teammates: "Don't stop football because of me. My father and I discussed football before I came to college, knew it to be rough and dangerous, and decided that what football gives a man is worth the risk. What happened to me has not changed our opinion; if the choice were mine again, I would play football again." An only son and his father stood by that statement. Two American men facing complete disaster without flinching, each in his own way able to achieve a surpassing spiritual victory.

FROM THE CLUBS

Lehigh University Club of New England

The Lehigh University Club of New England had its Mid-winter meeting at the Westminster Hotel, Boston, on the evening of December 29. Dinner was served at six o'clock.

The University was represented by President Drinker and Vice-President Emery, who spoke. A series of stereopticon views of the newer buildings of the University was shown. Dr. Drinker reports that "the meeting was a most successful and inspiring one. Wm. D. Hartshorne, '74, President of the Club, presided. H. H. Davis, '92, as Secretary, was charged with the work of organizing the meeting and the success of this gathering *in partibus infidelium* was emphatic."

Chicago Lehigh Club

Thus writes Henry W. Kern, President of the Chicago Lehigh Club: "Indicator cards on the Chicago crowd show a tremendous initial energy which will be maintained to the point of cut-off on the evening of January 16, at 7 o'clock, in the banquet room of the New Morrison Hotel, Clark and Madison Streets, Chicago.

"The details are all completed, the dinner has been ordered, the moving picture machine is being groomed, the Stunt Committee is working on New Stuff of a sparkling variety—and the lampooning of everybody is assured.

"There is one thing about the whole matter that impresses the committees and that is the out-of-town responses that are coming in. Every one is enthusiastically supporting this little family dinner for the reason that it is their opportunity to see, welcome and hear Dr. Drinker. The occasion will be a symposium of Lehigh good fellowship."

L. U. Club of Greater New York

The next meeting of the Lehigh University Club of Greater New York will be held on Wednesday evening, February 3, at a place to be announced by the Secretary, N. N. Merriaman. It is the determination of President Scovil and the officers to intermit the holding of the annual dinner and to have instead an informal gathering of larger proportions than ordinary

meetings and smokers but of the same free and easy character. The program planned is to include vaudeville numbers.

One hundred and seventeen men attended the Club's meeting held on December 4 in the Machinery Club. President Drinker and Vice-President Emery represented the University and were called upon to speak. The main feature of the program was the talk on Alaska by H. W. DuBois, '92, of Philadelphia.

Colonel John Hollis Wells, C.E., '85, was the speaker at the October meeting.

The Philadelphia Lehigh Club

The Philadelphia Lehigh Club "News" for January will contain Secretary Bernstein's announcement of the next meeting of the Club, plans for which were not completed when the ALUMNI BULLETIN went to press.

About fifty members heard their fellow-townsman, Howard W. DuBois, '92, give his illustrated lecture on Alaska at the meeting of the University Club on Wednesday evening, December 9. More than 100 beautifully colored slides together with moving pictures were used in showing natural and engineering features of "Our Land of the Midnight Sun." Movies of Lehigh defeating Penn State and Lafayette in football were an attraction. The University was represented at the meeting by R. W. Walters, Registrar.

"Beat Lafayette" and "A plate for every man and enough to eat" were the slogans for the gathering, held at Bookbinder's on Nov. 13. Representing the University there were present President Drinker, Vice-President Emery and Professor Reiter.

Southern Anthracite Lehigh Club

At the annual meeting of the Southern Anthracite Lehigh Club, held in Pottsville in November, the following were elected officers for 1914-15: President, H. E. Atkins, '91; Treasurer, Harold M. Smyth, '12; Secretary, A. W. Wright, '03.

A smoker will be given in Pottsville in January, the exact place and date to be announced by the officers in notices to all men within the Club's territory.

Pittsburgh Lehigh Club

One hundred and forty-five Lehigh men turned up at the Duquesne Club, Pittsburgh, on Saturday evening, December 19, for the Mid-winter Smoker of the Pittsburgh Lehigh Club. They came from a radius of one hundred and fifty miles, the biggest out-of-town delegation being fourteen from Altoona. Persons present who have attended many alumni gatherings report that this was one of the most enthusiastic club meetings Lehigh alumni have ever had. President Drinker gave a report on progress at the University during the present scholastic year and Professor Reiter, head of the Physical Education Department, talked about the football team and about the standards the athletes at Lehigh are maintaining in all lines. Moving pictures of the Penn State-Lehigh and Lafayette-Lehigh games of last fall were shown.

"Alaska, our Land of the Midnight Sun" was the subject of a presentation by H. W. DuBois, '92, of Philadelphia, consulting mining engineer, who illustrated his lecture with a set of colored lantern views and moving pictures.

The new officers of the Club are: President, George H. Neilson, '85; Vice-President, Ralph G. Johnson, '04; Secretary-Treasurer, Gilbert P. McNiff, '06. The Executive Committee remains the same as last year: William A. Cornelius, '89; R. M. Dravo, '89; H. D. Wilson, '01; H. W. Eisenhart, '03; P. P. Reese, '03, in addition to the officers.

Announcement of further meetings will be sent out by the new Secretary-Treasurer, G. P. McNiff, whose address is Box 697, Munhall, Pennsylvania.

Lehigh Club of Northern New York

The annual meeting of the Lehigh University Alumni Club of Northern New York will be held in Schenectady in January, when the election of officers will take place. Due announcement as to day and place will be sent out shortly by Secretary Rich.

The Club had an informal gathering at the Mohawk Golf Club on Friday evening, November 28, "when the crowd sat around the fire and discussed the good old days at Lehigh

and the victorious football season just passed." Those present were: C. P. Turner, '94; H. G. Reist, '86; W. E. Holecombe, '94; T. S. Eden, '96; A. D. Badgley, '96; J. C. Ryan, '01; C. L. Moffatt, '04; E. L. Rich, '05; A. J. Lowengrund, '08; J. Anderson, '10; E. D. Wunder, '12; G. Forster, '14; T. S. Yeh, '14, and J. S. Williamson, '14.

George M. Baker, E.E., '07, who has been the efficient Secretary of the Club for several years, has been transferred from the Schenectady office to the Pittsburgh office of the General Electric Company. Edwin L. Rich, E.E., '05, has been appointed Secretary of the Club.

E. D. Wunder, E.E., '12, has returned to Schenectady after having been in Cleveland and Pittsburgh for more than a year on construction work for the General Electric Company.

The Club has a new member in George Forster, E.E., '14, who has been transferred from the General Electric Test at Pittsfield to the Test at Schenectady.

In the account of an outing of the Northern New York Club in the October issue, the list of those present included C. P. Turner, jr., "13." The facts was correct, but the year was wrong, inasmuch as young Mr. Turner, who is the son of Clarence P. Turner, President of the Club, hasn't entered Lehigh as yet but does, of course, expect to attend the college of his father and to be graduated in 1923.

The Intermountain Lehigh Club

The annual meeting of the Intermountain Lehigh Club will be held in the University Club, Salt Lake City, Utah, on the evening of January 20. J. H. Wolfe, M.E., '05, Secretary, writes that it is not likely "that this meeting will be any more formal or any different than all the others. We simply meet, talk and eat."

An effort will be made to arrange for a showing at some late-winter gathering of the moving pictures of the Penn State-Lehigh and Lafayette-Lehigh football games. The thought is to invite alumni of other colleges who are members of the Salt Lake City University Club to see the films.

**Northeastern Pennsylvania
Lehigh Club**

Notices will be sent out shortly by Secretary Deemer as to the date of the annual meeting of the Northeastern Pennsylvania Lehigh Club, to be held in Wilkes-Barre some time in January. Officers for 1915-16 will be elected. There will be a report from the dinner committee about arrangements for the club's banquet. This committee, appointed at the club meeting in the Engineers' Society, Wilkes-Barre, on November 18, comprises the following: Henry Kemmerling, '91, Chairman; Charles Dorrance, '07; E. J. Newbaker, '98; Atherton Bowen, '06; W. C. Van Blarcom, '10; H. M. Menner, '00; W. G. Whildin, '95; Edgar Schweitzer, '07, and Charles Enzian, '01; and, ex-officio, President W. C. Anderson, '94, and Secretary Francis J. Deemer, jr., '08.

The Lehigh Club of Maryland

The newly-elected officers of the Lehigh Club of Maryland are as follows: President, J. H. Pennington, '97; Vice-President, H. M. Riley, '10; Secretary-Treasurer, W. H. Corddry, '11; Executive Committee, W. A. McGraw, '97; H. S. Regester, '05, and J. L. Mosher, '10. The address of the Secretary-Treasurer is 13 E. Franklin Street, Baltimore.

The Executive Committee, upon instructions from the Club, has conferred with the Cornell Alumni of Maryland in regard to a joint smoker, similar to the highly successful affair held last year. They propose to have the joint smoker either this month or next.

At the Club's last meeting the main speaker of the evening was J. E. Greiner, Consulting Engineer and Designer of many large bridges throughout the country. Mr. Greiner described the new million dollar bridge which the State of Maryland is now building across the Patapsco River, a concrete structure that is unique in design, on account of the poor bottom for pier foundations. A talk was also given by Ezra Whitman, Consulting Engineer for the City of Baltimore, on the new water supply for Baltimore City.

Baltimore Alumni greatly enjoyed

the concert given by the combined musical clubs of the University at the Belvedere on the evening of December 4.

The Lehigh Club of Western New York

The Lehigh Club of Western New York is planning a big get-together dinner, to be held in Buffalo in the early part of February, at which President Drinker will be on hand. Moving pictures of the Penn State and Lafayette games will be shown as well as stereopticon views of the new buildings of the University. The Western New York Club aims to do some good advertising for Lehigh in the high schools of Buffalo and the vicinity during the coming winter. A notice as to the date of the dinner next month will be sent to Lehigh men in the section by the Secretary of the Club, David H. Childs, 261 Huntington Avenue, Buffalo, New York.

Banquet of Detroit Alumni

The Detroit Alumni, whose motto is "Small, but Lively," were so sure of the result of the Lafayette game that they held a previously-planned banquet at the Edelweiss Café, Saturday night, November 21, in Detroit, to celebrate the victory. The score arrived by telegram during the salad course, thanks to Professor George Beck. Twenty-one Lehigh men gathered together to do honor to the 1914 football team and its successful season.

Good old songs were sung, yells were given, and a new song by H. W. Porter, '12, was introduced. The speaker of the evening was N. C. Banks, '93, who, having just returned from England, gave a talk on the war.

At the end of the banquet, a committee was appointed to plan an Easter banquet and to get the names, addresses and business connections of all Lehigh-Michigan men.

Those present were: R. Daniels, '88; H. B. Chapman, '00; J. S. Hege-man, '02; N. C. Banks, '93; R. S. Drummond, '06; A. B. Conner, '05; F. U. Kennedy, '07; L. A. Walker, '08; B. G. Morss, '09; H. F. Hiney, '10; S. P. Hess, '10; C. G. Heilman, '10; H. W. Porter, '12; H. W. Lamb, '13; Robert Campbell, '13; K. G. VanSickle, '14;

W. C. Owen, '14; W. R. Browne, '14; C. F. Penniman, '14; G. P. Nachman, '14; and Professor Weil, former professor in Mechanical Engineering.

Southern Lehigh Club

The annual meeting of the Southern Lehigh Club will be held in Washington, D. C., about the middle of January. Members will be notified of the place and date by the Secretary, Elwood Johnson, '07, 300 Municipal Building, Washington, D. C.

A smoker and banquet will be held in February when the Club plans to show the moving picture views of the Lehigh-State and Lehigh-Lafayette football games. It is expected that President Drinker will be present at the February gathering.

Southwestern Lehigh Club

A new member has been added to the family of alumni organizations of the University in the Southwestern Lehigh Club, organized on November 9, with headquarters in St. Louis, Mo. W. J. Hiss, '95, General Manager of the Southwestern Telegraph & Telephone Company, was elected Chairman, and C. L. Orth, '04, District Sales Manager of the Allis-Chalmers Company, was elected Secretary. It was decided to hold informal luncheon meetings on the first Monday of each month, at noon, in the rathskeller of the American Hotel, St. Louis. All Lehigh men in the district are invited to attend.

The Southwestern Club had a special meeting at the Capri Inn on the evening of November 21. The receipt by telegraph of the Lehigh-Lafayette football score was duly celebrated.

Lehigh Employment Bureau

Immediately available, Lehigh graduate, C.E., '99. Eight years' experience construction and maintenance on railroads; two years general engineering and municipal work; three years as superintendent heavy construction; two years equipment sales. Address Y, care Editor LEHIGH ALUMNI BULLETIN, Bethlehem, Pa.

"May I ask the use of your columns to publish an insertion for me, as follows:

"Mining Engineer, 33 years old, five years experience in steel mills and mines, but past five years devoted to commercial work, about half in sales department of steel company and balance in purchasing department of bridge company. Thrown out of employment shortly after outbreak of war but reinstated to represent previous employers in Pittsburgh district on part time basis. Could devote more than half my time as sales agent or representative of another concern in this district. Fully equipped and centrally located office in Pittsburgh."

A 1914 graduate of Lehigh University, holding the degree of Electrical Engineer, is seeking employment. This man had some experience in electrical work with the United Railroad and Electric Company, of Baltimore, doing central station, sub-station and construction work. Address X, care Editor Lehigh ALUMNI BULLETIN, Bethlehem, Pa.

The BULLETIN will act as a medium of communication for Lehigh men who seek jobs and those who have jobs to offer. Names will not be printed.

There will be no charge for this service.

Class of 1884.—"The Harlem Magazine," in a recent issue, had an article on the work of the Federated Civic Associations of New York City by Robert Grier Cooke, B.A., who is President of the Associations.

Class of 1892.—H. W. DuBois, mining engineer, of Philadelphia, gave an illustrated lecture before the student-body of the University on October 30, on "Hunting with a Camera in Alaska."

Class of 1895.—The latest published work of William Bowie, C.E., '95, is Special Publication No. 22 of the U. S. Coast and Geodetic Survey on "Precise Leveling from Brigham, Utah, to San Francisco, Cal." Mr. Bowie is Inspector of Geodetic Work and Chief of the Computing Division of the Survey.

Class of 1905.—James H. Wolfe, M.E., '05, Attorney-at-Law in Salt Lake City, has been appointed Managing Editor of "The Utah Survey," a magazine of the Episcopal Church, founded by the late Bishop Spalding. Mr. Wolfe is also Corresponding Secretary of the Utah Federation of Betterment and Prohibition Leagues.

BOOKS BY LEHIGH MEN**Review of New Volumes by Messrs.
Williams, Davis, Howe, Richards,
Jordan and Funk**

The State Geological Survey of Pennsylvania will publish shortly the final summary of the survey of the "Attenuated Border" of the terminal moraine of Lewis and Wright by Professor Edward H. Williams, Jr., B.S. in Chem., '75, E.M., '76, LL.D., '13, of Woodstock, Vt., Lecturer on Mining and Geology and for twenty-one years Head of Lehigh's Department of Mining Engineering and Geology.

Professor Williams began the work in the fall of 1892, with the geological students and instructors of Lehigh, in response to a query of Professor G. Frederick Wright, of Oberlin, one of the locators of the terminal moraine. It comprises the study of a strip reaching from the Delaware River to the western border of the state, averaging 40 miles wide as far as Salamanca, N. Y., and 18 thence to the state border.

In 1894 and 1895 Professor Williams published conclusions which were then received by few, but now are accepted as far as the age of the trenching of the state river systems, and the age of some of the gravels in Northwestern Pennsylvania. It is upon this latter section that he is now completing the report. The border line as marked by Professor Williams is accepted by Leverett in Monograph XLI, map 1, U. S. G. S., as far as published in 1902. Among Professor Williams' assistants were Dr. H. E. Kiefer, B.S., in Chem., '92, M.S., '94, now Chemist for the Edison Portland Cement Co., and Dr. Joseph Barrell, B.S., '92, E.M., '93, M.S., '97, now Professor of Dynamic Geology at Yale.

"With the Allies"—Davis, '86

Two things are assured when a reader takes up "With the Allies," by Richard Harding Davis, '86. He will finish the book; for the force and fascination of it draw one back again and again. The second certainty is that the waste of war will thereafter be no trite convenient phrase but a reality, unforgetably horrible and depressing.

Charles Scribner's Sons advertise Mr. Davis's latest volume, a collection of his news stories and magazine articles sent from the front, as a "notable war book." It is. Mr. Davis's vividly pictorial style has never been more tellingly exemplified than in his description of the Germans in Brussels, the Burning of Louvain, the Bombardment of Rheims Cathedral, the Battle of Soissons and other chapters of trained reportorial and artistic observation. The gift of familiar comparison, so that the event abroad is related to what we know and see at home; the happily specific word; the American touch of humor—these qualities of Mr. Davis's writing are prominent in "With the Allies."

But the underlying and abiding impression given, the leitmotif of the book, is the wantonness, the wickedness, the pathos of the great war that is now rending "that part of the world best known to the rest of the world."

"With the Allies," by Richard Harding Davis, Chas. Scribner's Sons, New York, \$1 net.

**The Boston Symphony Orchestra—
Howe, '86**

"The Boston Symphony Orchestra," an historical sketch by M. A. De Wolfe Howe, B.A., '86, tells the story of an institution that has become a standard of musical achievement in this country. In the telling, therefore, interest is by no means confined to Bostonians and New Englanders to whom the symphony concerts are an inheritance. Other cities and sections can hardly fail to have their musical life quickened, their aspirations pointed toward fulfillment by a study of the way in which the Boston Orchestra was founded and has been maintained.

Mr. Howe, disavowing at the outset the role of a musical critic, has produced a history into which has gone his fine sense of values and perspective gained in long and distinguished service as a biographical editor. The soil in which the Orchestra was planted, the planter, Henry Higginson, and the faithful tending of the garden—all are presented in a manner that is the farthest remove from either dry compilation or airy gossip. The book is interesting and it is thorough—alto-

gether a pattern of what such a work may be made.

"The Boston Symphony Orchestra," an Historical Sketch, by M. A. DeWolfe Howe, Houghton Mifflin Company, Boston, \$2 net.

Giolitti's "Cementation"—Richards, '86

Joseph W. Richards, A.C., '86, M.S., '91, Ph.D., '93, Professor of Metallurgy in Lehigh University, is the co-translator, with Dr. C. A. Rouiller of Johns Hopkins University, of Dr. Federico Giolitti's book on "The Cementation of Iron and Steel," just published by the McGraw-Hill Book Company, New York City. "Professor Richards is responsible for the metallurgical accuracy of the translation, while Dr. Rouiller shouldered the bulk of the task of rendering the original into English."

A highly important presentation is made available for reading in this country by this clear and authoritative translation.

"War's Aftermath"—Jordan, '03

Harvey Ernest Jordan, B.A., '03, M.A., '04, Professor of Histology and Embryology in the University of Virginia, is the joint author, with David Starr Jordan, Chancellor of the University of California, of "War's Aftermath," just published by Houghton Mifflin Company. The book presents the results of investigations in certain counties in Virginia where a large proportion of adult males perished in the Civil War. Vital statistics are presented, indicating deterioration of the quality of stock; and a statement of economic conditions before and after the war is likewise given. There is a similar inquiry into the effects of the Balkan War in so far as it is possible to trace them at this time.

It is interesting to learn that David Starr Jordan and Harvey Ernest Jordan (who are, by the way, not related) produced this book as the result of selection by the World Peace Foundation in 1912.

"War's Aftermath," by David Starr Jordan and Harvey Ernest Jordan, B.A., '03, M.A., '04. Houghton Mifflin Company, Boston, 75c net.

"Overhead Line Construction"—Funk, '05

The new Handbook on "Overhead Line Construction," published by the

National Electric Light Association, has the following statement in its preface: "The compilation of the data for this Handbook has been carried out by the Secretary of the Sub-Committee, Mr. N. E. Funk, of the Philadelphia Electric Company, to whom belongs the greatest share of credit for what has been accomplished in the preparation of this work."

Mr. Funk was graduated from Lehigh in 1905 as an Electrical Engineer. The Handbook is a volume of 818 pages.

Professor Christian Gauss, formerly of Lehigh University, and now head of the Modern Languages Department at Princeton, has taken charge of the newly established department of book reviews of the Princeton "Alumni Weekly."

PEACE CENTENARY

President Drinker Writes As Chairman of Educational Institutions Committee.

To All Lehigh Men:

Your attention is particularly called to the following statement issued on Christmas Eve, and in which I gladly joined as our University has, from the first, been active in promoting throughout our country the spread of interest in the celebration next year of the great fact that the possibility of peace,—continued peace,—between great nations, has been demonstrated by its continuance for one hundred years between our nation and the peoples of Great Britain. At the meeting in Richmond in the autumn of 1912 of the American Centenary Peace Committee of which I was appointed a member by the Governor of Pennsylvania, I was asked to act as Chairman of the Committee on Co-operation of Universities, Colleges, Schools, and all Educational Institutions in this celebration, a position which I gladly accepted, and I have felt that Lehigh could serve no higher public service than by joining in and forwarding the recognition throughout our land and Canada and the dominions of our English speaking cousins the fact that in spite of causes of irritation that might on several occasions have brought on

war—the citizens of these two great nations, ruling as a people, have settled their differences by conference and arbitration, setting a world example, and doing a world service, that should be emphasized and brought home to the peoples of the earth.

Henry S. Drinker, '71.

December 24, 1914.

To the People of the United States:

One hundred years ago to-day there was signed at Ghent, in Flanders, the treaty of peace between Great Britain and the United States, which marked the close of what has happily proved to be the last war between English-speaking peoples of the earth. Today the city of Ghent is at the very center of the terrible conflict that rages in Europe. The American Peace Centenary Committee cannot permit this anniversary to pass without inviting the thoughtful attention of their fellow citizens to the contrast presented by the century-long period of peace which English-speaking peoples have enjoyed among themselves on the one hand, and the appalling destruction of life, property and great monuments of civilization which the European war involves on the other. It had been our confident hope that the example which the English-speaking peoples have set in their relations with each other would be followed by the other great nations of the earth in their international relations. It had been our earnest desire that the spirit of peaceful and friendly cooperation which each of these peoples manifests toward the people of the United States would also mark their dealings with one another. Unfortunately this was not to be, and we are sorrowfully called upon to mark our centenary celebration in the midst of the most terrible and destructive war that history records.

Even at such a time, we must avow once more our emphatic faith in the supremacy of justice over force, of law over might. We rejoice in the peaceful relations of a hundred years among all English-speaking peoples, and particularly in the undefended and unfortified line, nearly four thousand miles in length, which divides the territory of the United States from that of the Dominion of Canada. The mutual trust, forbearance and helpfulness which make that undefended boundary a link and not a barrier between two peoples, we offer as an example to our warring brothers across the sea.

It had been our purpose, when our Committee was organized in 1910, to plan for a great celebration of the centenary anniversary by various methods which have now, because of the terrible war which is still convulsing Europe and disturbing the whole world, become impracticable until the close of the conflict.

But we appeal to the people in all the States and to all civic bodies to mark this notable anniversary by suitable exercises in the churches of all denominations on the 14th day of February, the date agreed upon for that purpose with our associate, the Canadian Committee; by formal addresses at the Capitals of the respective States on the 17th and 18th of February, the dates of the ratifica-

tion and proclamation of the Treaty; and also by appropriate exercises in all the schools on the 22nd day of February, or on such later date or dates in the spring of 1915 as may be locally deemed preferable.

By which all the children of America should be instructed on the significance of this great event, and of the happy prospect which is assured to us, in spite of this horrible war, of another century of continued peace between all the English-speaking peoples of the world.

(Signed)

JOSEPH H. CHOATE, Chairman, New York.
WILLIAM HOWARD TAFT, New Haven.

THOMAS F. BAYARD, Wilmington.

GEORGE W. HURLEIGH, New York.

NICHOLAS MURRAY BUTLER, New York.

ANDREW CARNEGIE, New York.

WILLIAM A. CLARK, New York.

JOHN D. CUMMINS, New York.

RT. REV. JAMES H. DARLINGTON,

Harrisburg.

WILLIAM CURTIS DEMOREST, New York.

HENRY S. DRINKER, South Bethlehem.

J. TAYLOR ELLYSON, Richmond.

WOODBRIDGE N. FERRIS, Lansing.

JOHN H. FINLEY, Albany.

AUSTEN G. FOX, New York.

ALBERT EUGENE GALLATIN, New York.

JAMES CARDINAL GIBBONS, Baltimore.

SAMUEL GOMPERS, Washington.

W. O. HART, New Orleans.

JOB E. HEDGES, New York.

WILLIAM B. HOWLAND, New York.

ANDREW B. HUMPHREY, New York.

HARRY PRATT JUDSON, Chicago.

THEODORE MARBURG, Baltimore.

HENRY C. MORRIS, Chicago.

ROBERT C. MORRIS, New York.

WILLIAM CHURCH OSBORN, New York.

ALTON B. PARKER, New York.

ELIHU ROOT, Washington.

FRANCIS LYNDÉ STEVENSON, New York.

JOHN A. STEWART, New York.

OSCAR S. STRAUS, New York.

FRANK S. STREETER, Concord.

WARDNER WILLIAMS, Denver.

Class of 1899.—George A. Horne, A.C., of the Merchants' Refrigerating Company, New York City, collaborating with B. H. Coffey, presented a paper on "A Theory on Cooling Towers Compared with Results in Practice" at the tenth annual meeting of the American Society of Refrigerating Engineers in New York City on December 1, last. This paper has since been published in the "A. S. R. E. Journal." Mr. Horne is Treasurer of the Society.

Class of 1907.—George M. Baker, E.E., has been transferred from the Schenectady office to the Pittsburgh office of the General Electric Company.

Class of 1909.—Alfred C. Callen, E.M., '09, M.S., '11, is Instructor in Mining Engineering in the University of Illinois.